

## CLAIMS

What is claimed is:

1. A method for determining fill style for pixels in a scan line, the scan line comprising a first pixel having edges and a second pixel without any edges, the method comprising:

for each edge in the first pixel:

determining if each edge touches a bottom border of the first pixel;

for each edge that touches the bottom border of the first pixel,  
incrementing a first parameter by a difference between a right fill style and  
a left fill style of the edge, wherein the leftmost fill style in the scan line is  
set to null.

2. The method of claim 1, further comprising:

incrementing a second parameter by the first parameter of the first pixel; and

filling the second pixel with a first fill style equal to the second parameter.

3. The method of claim 1, wherein the scan line further comprises a third pixel having edges and a fourth pixel without any edges, the method further comprising:

for each edge in the third pixel:

determining if each edge touches a bottom border of the third pixel;

for each edge that touches the bottom border of the third pixel,  
incrementing a third parameter by a difference between a right fill style  
and a left fill style of the edge;

incrementing the second parameter by the third parameter of the third pixel; and

filling the fourth pixel with a second fill style equal to the second parameter.

4. A method for determining fill style for pixels in a scan line, the scan line comprising a first pixel having edges, a second pixel without any edges, a third pixel having edges, and a fourth pixel without any edges, the method comprising:

for each edge in the first pixel:

determining if each edge touches a bottom border of the first pixel;

for each edge that touches the bottom border of the first pixel,

incrementing a first parameter by a difference between a right fill style and a left fill style of the edge, wherein the leftmost fill style in the scan line is set to null;

incrementing a second parameter by the first parameter of the first pixel;

filling the second pixel with a first fill style equal to the second parameter;

for each edge in the third pixel,

determining if each edge touches a bottom border of the third pixel;

for each edge that touches the bottom border of the third pixel,

incrementing a third parameter by a difference between a right fill style and a left fill style of the edge;

incrementing the second parameter by the third parameter of the third pixel; and

filling the fourth pixel with a second fill style equal to the second parameter.